TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. FIS920010129US1(14566) (Under 37 CFR 1.97(b) or 1.97(c)) In Re Application Of: Lawrence Jacobowitz, et al. Application No. Filing Date Examiner Customer No. **Group Art Unit** Confirmation No. 23389 2633 8418 09/963,258 September 26, 2001 Dalzid E. Singh Title: FIRST AND SE GOND DERIVATIVE PROCESSING OF WAVELENGTH MULTIPLEXED OPTICAL SIGNALS DEC 0 2 2004 Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 37 CFR 1.97(b) 1. \(\bar{\sqrt{2}} \) The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. 37 CFR 1.97(c) 2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: ☐ the statement specified in 37 CFR 1.97(e); OR \Box the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSUR (Under 37 CFR 1.97(b) or 1.97(c))	111	Docket No. FIS920010129US1(145								
In Re Application: Lawrence Jacobowitz, et al.	C 0 2 2004 303									
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OPTICAL SIGNALS										
09/963,258 September 26, 2001 Dalzid E. Singh 23389 2633 8418 Title: FIRST AND SECOND DERIVATIVE PROCESSING OF WAVELENGTH MULTIPLEXED										



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Lawrence Jacobowitz, et al.

Examiner: Dalzid E. Singh

Serial No: 09/963,258

Art Unit: 2633

Filed: September 26, 2001

Docket: FIS920010129US1(14566)

For: FIRST AND SECOND DERIVATIVE

Confirmation No: 8418

PROCESSING OF WAVELENGTH MULTIPLEXED OPTICAL SIGNALS

Dated: November 29, 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

- 1. U.S. Patent No. 3,777,154, dated December 4, 1973 issued to Lindsey;
- 2. U.S. Patent No. 3,943,021, dated March 9, 1976 issued to Lindsey;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 29, 2004.

Dated: November 29, 2004

Steven Fischman

- 3. U.S. Patent No. 4,588,296, dated May 13, 1986 issued to Cahill, et al.;
- 4. U.S. Patent No. 4,725,120, dated February 16, 1988 issued Parzygnat;
- 5. U.S. Patent No. 4,744,617, dated May 17, 1988 issued to Hvezda;
- 6. U.S. Patent No. 4,863,332, dated September 5, 1989 issued to Wiholm, et al.;
- 7. U.S. Patent No. 4,870,637, dated September 26, 1989 issued to Follett, et al.;
- 8. U.S. Patent No. 4,872,739, dated October 10, 1989 issued to Kahn, et al.;
- 9. U.S. Patent No. 4,890,894, dated January 2, 1990 issued to Kwa;
- 10. U.S. Patent No. 4,892,376, dated January 9, 1990 issued to Whitehouse;
- 11 U.S. Patent No. 4,895,424, dated January 23, 1990 issued to Hughes;
- 12. U.S. Patent No. 4,943,136, dated July 24, 1990 issued to Popoff;
- 13. U.S. Patent No. 4,944,568, dated July 31, 1990 issued to Danlach, et al.;
- 14. U.S. Patent No. 5,009,477, dated April 23, 1991 issued to Alferness, et al.;
- 15. U.S. Patent No. 5,071,216, dated December 10, 1991 issued to Sullivan;
- 16. U.S. Patent No. 5,101,460, dated March 31, 1992 issued to Richard;
- 17. U.S. Patent No. 5,134,508, dated July 28, 1992 issued to Corda;
- 18. U.S. Patent No. 5,144,691, dated September 1, 1992 issued August, et al.;
- 19. U.S. Patent No. 5,155,784, dated October 13, 1992 issued to Knott;
- 20. U.S. Patent No. 5,155,785, dated October 13, 1992 issued to Holland, et al.;
- 21. U.S. Patent No. 5,182,780, dated January 26, 1993 issued to Robertson;
- 22. U.S. Patent No. 5,204,925, dated April 20, 1993 issued to Bonanni, et al.;
- 23. U.S. Patent No. 5,218,654, dated June 8, 1993 issued to Sauter;
- 24. U.S. Patent No. 5,228,105, dated July 13, 1993 issued to Glista;

- 25. U.S. Patent No. 5,240,617, dated August 31, 1993 issued to Hopf;
- 26. U.S. Patent No. 5,245,680, dated September 14, 1993 issued to Sauter;
- 27. U.S. Patent No. 5,247,593, dated September 21, 1993 issued to Lin, et al.;
- 28. U.S. Patent No. 5,259,051, dated November 2, 1993 issued to Burack, et al.;
- 29. U.S. Patent No. 5,268,981, dated December 7, 1993 issued to Shahid;
- 30. U.S. Patent No. 5,280,551, dated January 18, 1994 issued to Bowen;
- 31. U.S. Patent No. 5,283,851, dated February 1, 1994 issued to Vergnolle;
- 32. U.S. Patent No. 5,340,980, dated August 23, 1994, issued to Bianchini, et al.;
- 33. U.S. Patent No. 5,367,598, dated November 22, 1994 issued to Devenish, III, et al.;
- 34. U.S. Patent No. 5,371,820, dated December 6, 1994 issued to Welbourn, et al.;
- 35. U.S. Patent No. 5,388,174, dated February 7, 1995 issued to Roll, et al.;
- 36. U.S. Patent No. 5,402,515, dated March 28, 1995 issued to Vidacovich, et al.;
- 37. U.S. Patent No. 6,317,247, dated November 13, 2001, issued to Yang, et al.;
- 38. U.S. Patent No. 6,222,861, dated April 24, 2001, issued to Kuo, et al.;
- 39. U.S. Patent No. 6,333,941, dated December 25, 2001, issued to Hung;
- 40. European Patent Application No. 0 486 208 A2, dated May 20, 1992;
- 41. European Patent Application No. 0 571 037 A1, dated November 24, 1993;
- 42. European Patent Application No. 0 911 658 A1, dated April 28, 1999;
- 43. International Patent Application WO 94/18587, dated August 18, 1994;
- 44. International Patent Application WO 94/18589, dated August 18, 1994;
- 45. International Patent Application WO 96/10201, dated April 4, 1996; and

- 46. Japanese Patent Application No. 6-19838, dated January 28, 1994.
- 47. "Micromachining system accommodates large wafers", by Robert Bann, et al., Laser Focus World -The 2001 Annual Survey of the Laser Marketplace, January 2001, pp. 189-192;
- 48. Chapter 9, "Other Optical Components", pp. 131-137; and
- 49. "AN INTRODUCTION TO POUND-DREVER-HALL LASER FREQUENCY STABILITZATION", Eric D. Black, LIGO Project, California Institute of Technology, LIG)-P990042-00-D, pp. 1-36.

In accordance with the waiver of 37 C.F.R. § 1.98 (a)(2)(i), per 1276 OG 55, August 5, 2003, applicants are not required to submit copies of the above-cited U.S. Patent references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

Steven Fischman

Registration No. 34,594

SCULLY, SCOTT, MURPHY & PRESSER 400 Garden City Plaza, Suite 300 Garden City, New York 11530 (516) 742-4343

SF:gc

Docket Number (Optional) Application Number FIS920010129US1(14566) 09/963,258 INFORMATION DISCLOSURE CITATION Applicant(s) Lawrence Jacobowitz, et al. (Use several sheets if necessary) Filing Date Group Art Unit **September 26, 2001** 2633 **U.S. PATENT DOCUMENTS** *EXAMINER FILING DATE DOCUMENT NUMBER DATE CLASS SUBCLASS REF NAME INITIAL IF APPROPRIATE 3,777,154 12/04/73 Lindsey 3,943,021 03/09/76 Lindsey DEC 0 2 2004 4.588.296 **4**5/13/86 Cahill, et al 02/16/88 Parzygnat RADEM 4,744,617 05/17/88 Hvezda U.S. PATENT APPLICATION PUBLICATIONS •EXAMINER FILING DATE SUBCLASS CLASS REF DOCUMENT NUMBER DATE NAME INITIAL IF APPROPRIATE FOREIGN PATENT DOCUMENTS Translation DOCUMENT NUMBER CLASS SUBCLASS REF DATE COUNTRY YES NO 0 486 208 A2 05/20/92 Europe 0 571 037 A1 11/24/93 Europe 04/28/99 0 911 658 A1 Europe WO 94/18587 08/18/94 **PCT** PCT WO 94/18589 08/18/94 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Chapter 9, "Other Optical Components", pp. 131-137

"Micromachining system accommodates large wafers", by Robert Bann, et al., Laser Focus World -The 2001 Annual Survey of the Laser Marketplace, January 2001, pp. 189-192

EXAMINER

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Docket Number (Optional) Application Number FIS920010129US1(14566) 09/963,258 Applicant(s) INFORMATION DISCLOSURE CITATION Lawrence Jacobowitz, et al. (Use several sheets if necessary) Filing Date Group Art Unit 2633 **September 26, 2001 U.S. PATENT DOCUMENTS** *EXAMINER FILING DATE CLASS SUBCLASS REF DOCUMENT NUMBER DATE NAME INITIAL IF APPROPRIATE 09/05/89 Wiholm, et al 4,863,332 4,870,63/7 09/26/89 Follett, et al 10/10/89 Kahn, et al 4,890,894 01/02/90 Kwa 4,892,376 01/09/90 Whitehouse U.S. PATENT APPLICATION PUBLICATIONS *EXAMINER FILING DATE SUBCLASS DATE NAME CLASS REF DOCUMENT NUMBER INITIAL IF APPROPRIATE FOREIGN PATENT DOCUMENTS Translation DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO **PCT** WO 96/10201 04/04/96 6-19838 01/28/94 Japan (Including Author, Title, Date, Pertinent Pages, Etc.) **OTHER DOCUMENTS** AN INTRODUCTION TO POUND-DREVER-HALL LASER FREQUENCY STABILITZATION", Eric D. Black, LIGO Project, California Institute of Technology, LIG)-P990042-00-D, pp. 1-36

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